



RAW SEQUENCE LISTING

DATE: 03/12/2002

PATENT APPLICATION: US/09/510,378

TIME: 14:46:57

Input Set : N:\Crf3\RULE60\09510378.raw

Output Set: N:\CRF3\03122002\I510378.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Cronin, Maureen T.
 6 Miyada, Charles Garrett
 7 Hubbell, Earl A.
 8 Chee, Mark
 9 Fodor, Stephen P.A.
 10 Huang, Xiaohua C.
 11 Lipshutz, Robert J.
 12 Lobban, Peter E.
 13 Morris, Macdonald S.
 14 Sheldon, Edward L.

ENTERED

16 (ii) TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
 17 Detecting Cystic Fibrosis

19 (iii) NUMBER OF SEQUENCES: 250

21 (iv) CORRESPONDENCE ADDRESS:

22 (A) ADDRESSEE: Townsend and Townsend and Crew LLP
 23 (B) STREET: Two Embarcadero Center, 8th Floor
 24 (C) CITY: San Francisco
 25 (D) STATE: California
 26 (E) COUNTRY: USA
 27 (F) ZIP: 94111

29 (v) COMPUTER READABLE FORM:

30 (A) MEDIUM TYPE: Floppy disk
 31 (B) COMPUTER: IBM PC compatible
 32 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 33 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

35 (vi) CURRENT APPLICATION DATA:

C--> 36 (A) APPLICATION NUMBER: US/09/510,378

C--> 37 (B) FILING DATE: 22-Feb-2000

38 (C) CLASSIFICATION:

56 (vii) PRIOR APPLICATION DATA:

41 (A) APPLICATION NUMBER: 08/544,381

42 (B) FILING DATE:

45 (A) APPLICATION NUMBER: US 08/510,521

46 (B) FILING DATE: 02-AUG-1995

49 (A) APPLICATION NUMBER: PCT/US94/12305

50 (B) FILING DATE: 26-OCT-1994

53 (A) APPLICATION NUMBER: US 08/284,064

54 (B) FILING DATE: 02-AUG-1994

57 (A) APPLICATION NUMBER: US 08/143,312

58 (B) FILING DATE: 26-OCT-1993

60 (viii) ATTORNEY/AGENT INFORMATION:

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Input Set : N:\Crf3\RULE60\09510378.raw

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61          (A) NAME: Liebeschuetz, Joe
62          (B) REGISTRATION NUMBER: 37,505
63          (C) REFERENCE/DOCKET NUMBER: 018547-004130US
65      (ix) TELECOMMUNICATION INFORMATION:
66          (A) TELEPHONE: 415-576-0200
67          (B) TELEFAX: 415-576-0300
69      (2) INFORMATION FOR SEQ ID NO: 1:
71          (i) SEQUENCE CHARACTERISTICS:
72              (A) LENGTH: 18 base pairs
73              (B) TYPE: nucleic acid
74              (C) STRANDEDNESS: single
75              (D) TOPOLOGY: linear
W--> 77      (ii) MOLECULE TYPE: DNA (oligonucleotide)
81          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
83      TAACCACTCA CGGGAGCA                                     18
85      (2) INFORMATION FOR SEQ ID NO: 2:
87          (i) SEQUENCE CHARACTERISTICS:
88              (A) LENGTH: 14 base pairs
89              (B) TYPE: nucleic acid
90              (C) STRANDEDNESS: single
91              (D) TOPOLOGY: linear
W--> 93      (ii) MOLECULE TYPE: DNA (oligonucleotide)
97          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
99      ATTGGMGAGT GCCC                                     14
101      (2) INFORMATION FOR SEQ ID NO: 3:
103          (i) SEQUENCE CHARACTERISTICS:
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105              (B) TYPE: nucleic acid
106              (C) STRANDEDNESS: single
107              (D) TOPOLOGY: linear
W--> 109      (ii) MOLECULE TYPE: DNA (oligonucleotide)
113          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
115      ATTGGAGAGT GCCC                                     14
117      (2) INFORMATION FOR SEQ ID NO: 4:
119          (i) SEQUENCE CHARACTERISTICS:
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121              (B) TYPE: nucleic acid
122              (C) STRANDEDNESS: single
123              (D) TOPOLOGY: linear
W--> 125      (ii) MOLECULE TYPE: DNA (oligonucleotide)
129          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
131      ATTGGCGAGT GCCC                                     14
133      (2) INFORMATION FOR SEQ ID NO: 5:
135          (i) SEQUENCE CHARACTERISTICS:
136              (A) LENGTH: 14 base pairs
137              (B) TYPE: nucleic acid
138              (C) STRANDEDNESS: single
139              (D) TOPOLOGY: linear
W--> 141      (ii) MOLECULE TYPE: DNA (oligonucleotide)

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154          (C) STRANDEDNESS: single
155          (D) TOPOLOGY: linear
W--> 157      (ii) MOLECULE TYPE: DNA (oligonucleotide)
161      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
163 ATGGGGGAGT GCCC                                     14
165 (2) INFORMATION FOR SEQ ID NO: 7:
167      (i) SEQUENCE CHARACTERISTICS:
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169          (B) TYPE: nucleic acid
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171          (D) TOPOLOGY: linear
W--> 173      (ii) MOLECULE TYPE: DNA (oligonucleotide)
177      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
179 ATGGGTGAGT GCCC                                     14
181 (2) INFORMATION FOR SEQ ID NO: 8:
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184          (A) LENGTH: 14 base pairs
185          (B) TYPE: nucleic acid
186          (C) STRANDEDNESS: single
187          (D) TOPOLOGY: linear
W--> 189      (ii) MOLECULE TYPE: DNA (oligonucleotide)
193      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
195 ATGGGRGAGT GCCC                                     14
197 (2) INFORMATION FOR SEQ ID NO: 9:
199      (i) SEQUENCE CHARACTERISTICS:
200          (A) LENGTH: 18 base pairs
201          (B) TYPE: nucleic acid
202          (C) STRANDEDNESS: single
203          (D) TOPOLOGY: linear
W--> 205      (ii) MOLECULE TYPE: DNA (oligonucleotide)
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211 TAACCCCTCA CGGGAGCA                                 18
213 (2) INFORMATION FOR SEQ ID NO: 10:
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217          (B) TYPE: nucleic acid
218          (C) STRANDEDNESS: single
219          (D) TOPOLOGY: linear
W--> 221      (ii) MOLECULE TYPE: DNA (oligonucleotide)
225      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
227 TAACCGCTCA CGGGAGCA                                 18
229 (2) INFORMATION FOR SEQ ID NO: 11:
231      (i) SEQUENCE CHARACTERISTICS:

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232      (A) LENGTH: 18 base pairs
233      (B) TYPE: nucleic acid
234      (C) STRANDEDNESS: single
235      (D) TOPOLOGY: linear
W--> 237      (ii) MOLECULE TYPE: DNA (oligonucleotide)
241      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
243 TAACCTCTCA CGGGAGCA                                     18
245 (2) INFORMATION FOR SEQ ID NO: 12:
247      (i) SEQUENCE CHARACTERISTICS:
248          (A) LENGTH: 22 base pairs
249          (B) TYPE: nucleic acid
250          (C) STRANDEDNESS: single
251          (D) TOPOLOGY: linear
W--> 253      (ii) MOLECULE TYPE: DNA (oligonucleotide)
257      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
259 ATTAACCACT CACGGGAGCT CT                                22
261 (2) INFORMATION FOR SEQ ID NO: 13:
263      (i) SEQUENCE CHARACTERISTICS:
264          (A) LENGTH: 13 base pairs
265          (B) TYPE: nucleic acid
266          (C) STRANDEDNESS: single
267          (D) TOPOLOGY: linear
W--> 269      (ii) MOLECULE TYPE: DNA (oligonucleotide)
273      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
275 TGGTGKNKYGC CCT                                         13
277 (2) INFORMATION FOR SEQ ID NO: 14:
279      (i) SEQUENCE CHARACTERISTICS:
280          (A) LENGTH: 13 base pairs
281          (B) TYPE: nucleic acid
282          (C) STRANDEDNESS: single
283          (D) TOPOLOGY: linear
W--> 285      (ii) MOLECULE TYPE: DNA (oligonucleotide)
289      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
291 TGGTGAGCGC CCT                                         13
293 (2) INFORMATION FOR SEQ ID NO: 15:
295      (i) SEQUENCE CHARACTERISTICS:
296          (A) LENGTH: 13 base pairs
297          (B) TYPE: nucleic acid
298          (C) STRANDEDNESS: single
299          (D) TOPOLOGY: linear
W--> 301      (ii) MOLECULE TYPE: DNA (oligonucleotide)
305      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
307 TGGTGCGCGC CCT                                         13
309 (2) INFORMATION FOR SEQ ID NO: 16:
311      (i) SEQUENCE CHARACTERISTICS:
312          (A) LENGTH: 13 base pairs
313          (B) TYPE: nucleic acid
314          (C) STRANDEDNESS: single
315          (D) TOPOLOGY: linear

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W--> 317      (ii) MOLECULE TYPE: DNA (oligonucleotide)
321      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
323 TGGTGGGCGC CCT                                     13
325 (2) INFORMATION FOR SEQ ID NO: 17:
327      (i) SEQUENCE CHARACTERISTICS:
328          (A) LENGTH: 13 base pairs
329          (B) TYPE: nucleic acid
330          (C) STRANDEDNESS: single
331          (D) TOPOLOGY: linear
W--> 333      (ii) MOLECULE TYPE: DNA (oligonucleotide)
337      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
339 TGGTGTGCGC CCT                                     13
341 (2) INFORMATION FOR SEQ ID NO: 18:
343      (i) SEQUENCE CHARACTERISTICS:
344          (A) LENGTH: 13 base pairs
345          (B) TYPE: nucleic acid
346          (C) STRANDEDNESS: single
347          (D) TOPOLOGY: linear
W--> 349      (ii) MOLECULE TYPE: DNA (oligonucleotide)
353      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
355 TGGTGATCGC CCT                                     13
357 (2) INFORMATION FOR SEQ ID NO: 19:
359      (i) SEQUENCE CHARACTERISTICS:
360          (A) LENGTH: 13 base pairs
361          (B) TYPE: nucleic acid
362          (C) STRANDEDNESS: single
363          (D) TOPOLOGY: linear
W--> 365      (ii) MOLECULE TYPE: DNA (oligonucleotide)
369      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
371 TGGTGCTCGC CCT                                     13
373 (2) INFORMATION FOR SEQ ID NO: 20:
375      (i) SEQUENCE CHARACTERISTICS:
376          (A) LENGTH: 13 base pairs
377          (B) TYPE: nucleic acid
378          (C) STRANDEDNESS: single
379          (D) TOPOLOGY: linear
W--> 381      (ii) MOLECULE TYPE: DNA (oligonucleotide)
385      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
387 TGGTGGTCGC CCT                                     13
389 (2) INFORMATION FOR SEQ ID NO: 21:
391      (i) SEQUENCE CHARACTERISTICS:
392          (A) LENGTH: 13 base pairs
393          (B) TYPE: nucleic acid
394          (C) STRANDEDNESS: single
395          (D) TOPOLOGY: linear
W--> 397      (ii) MOLECULE TYPE: DNA (oligonucleotide)
401      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
403 TGGTGTTTCGC CCT                                     13
405 (2) INFORMATION FOR SEQ ID NO: 22:

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/510,378

DATE: 03/12/2002

TIME: 14:46:58

Input Set : N:\Crf3\RULE60\09510378.raw

Output Set: N:\CRF3\03122002\I510378.raw

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L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
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